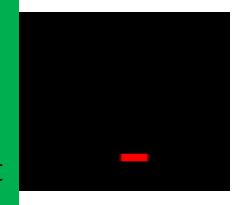Course Name: Software Development Project

Course No: CSE 3106

Project Proposal For Software Development Project

Submitted to:

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&

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Project Name: Zen Screens

Project Domain: Screen Saver Software

Language: Python

About:

The goal of this project is to develop a screen saver software application using Python programming language. The screen saver will be designed to display visually appealing graphics, animations, or images when the computer is idle, providing an aesthetic and functional utility. Users will have the ability to configure the screen saver through an intuitive interface.

Project Features:

1. As a user,
   I want to activate the screen saver when my computer is idle for a specified duration,
   So that I can protect my screen from burn-in and enjoy an aesthetically pleasing display during periods of inactivity.

2. As a user,
   I want to customize the visual elements of the screen saver, including graphics, animations, and images,
   So that I can personalize the screen saver experience according to my preferences and mood.

3. As a user,
   I want an intuitive and user-friendly interface to configure the screen saver settings,
   So that I can easily customize and preview the visual elements without any technical complexity.

4. As a user,
   I want the Screen Saver Software to run seamlessly on various operating systems, including Windows, macOS, and Linux,
   So that I can enjoy a consistent and reliable screen saver experience regardless of the platform I am using.

5. As a user,
    I want the screen saver to run smoothly without causing system slowdowns,
    So that I can enjoy the visual experience without any negative impact on the performance of my computer.

6. As a user,
    I want the application to be optimized for performance, with minimal resource usage,
    So that I can run the screen saver alongside other applications without experiencing any lag or performance issues.

7. As a user,
    I want clear and concise user documentation that provides installation instructions, user guides, and troubleshooting information,
    So that I can easily set up and use the Screen Saver Software without any confusion.